



Weekly Weather Briefing

Tuesday, January 21, 2014

Updated Every Monday (or Tuesday following a Federal Holiday)

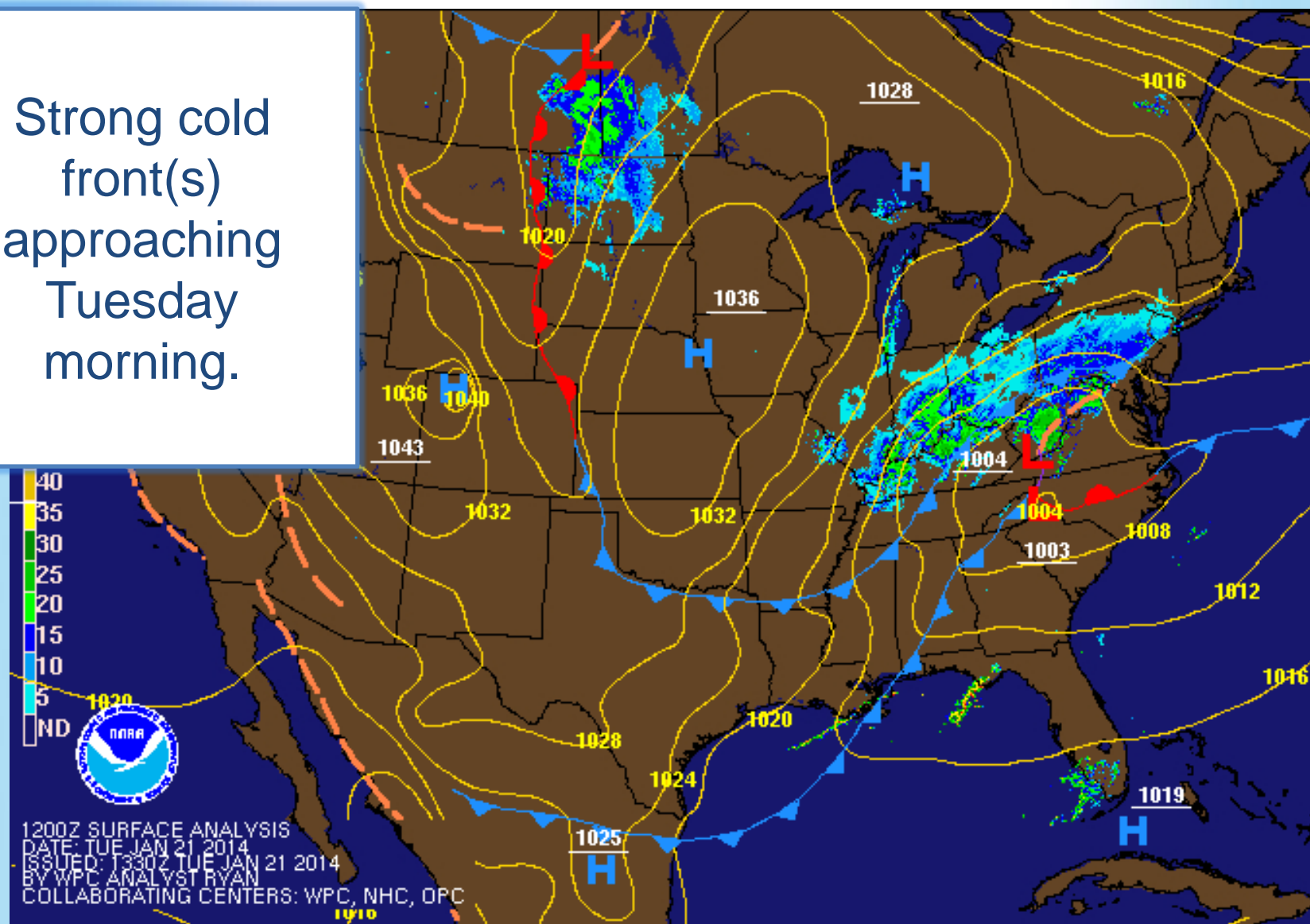
Disclaimer: *The Information Contained within this Briefing is Time Sensitive, and Could Affect its Validity as the Date/Time Moves Away from the Briefing Creation Date/Time.*

Highlights for This Week

- **Windy** today – gusts to 40 mph (35 knots) common this afternoon into tonight (**Wind Advisories** most areas and **Gale Warnings** all coastal waters)
- **Fire Danger Statement** this afternoon / evening
- After today: **cold**, dry week: minimum wind chills in teens common Wed, Fri and Sat (am)

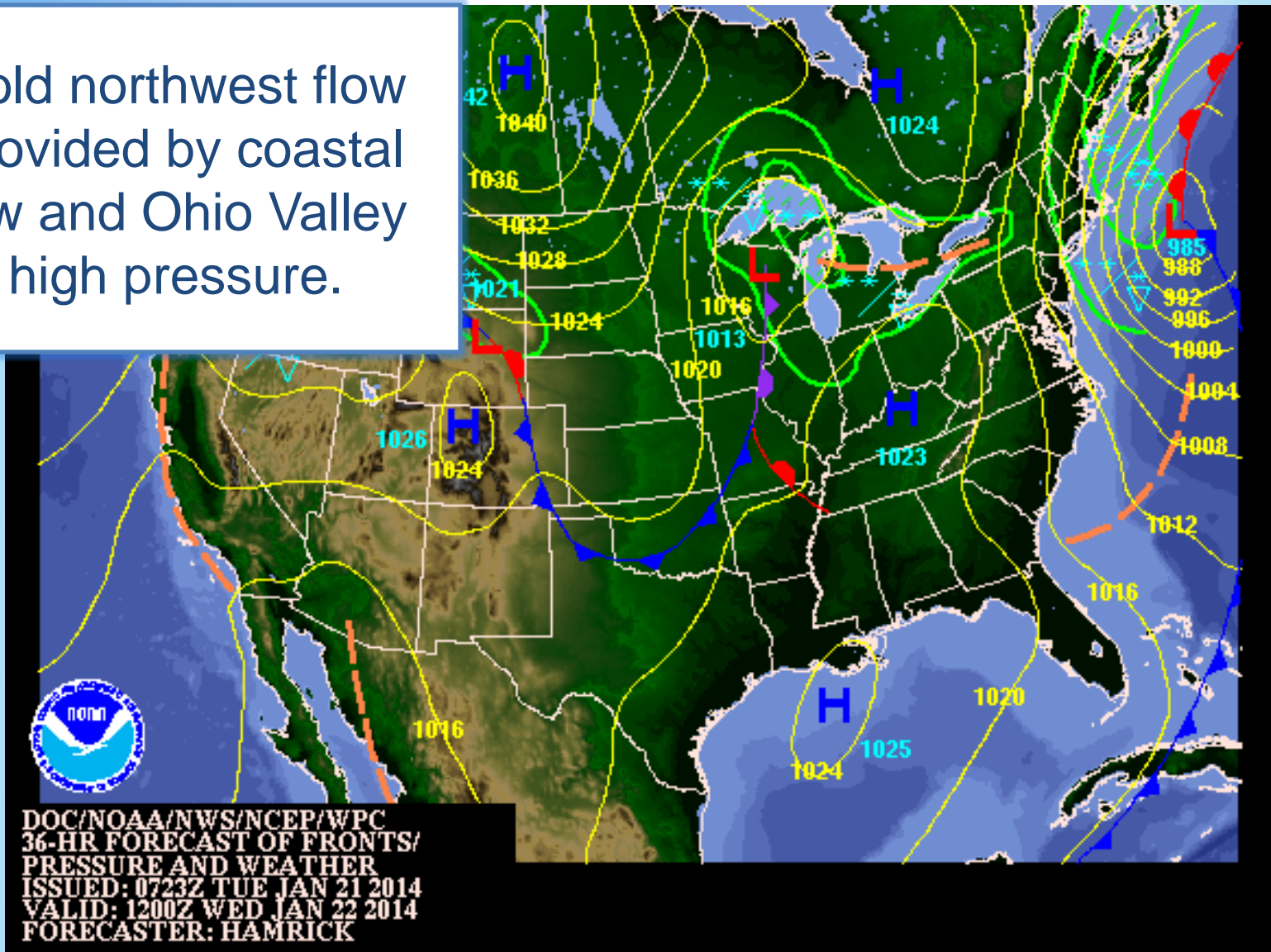
Current Conditions: Tuesday Morning

Strong cold
front(s)
approaching
Tuesday
morning.



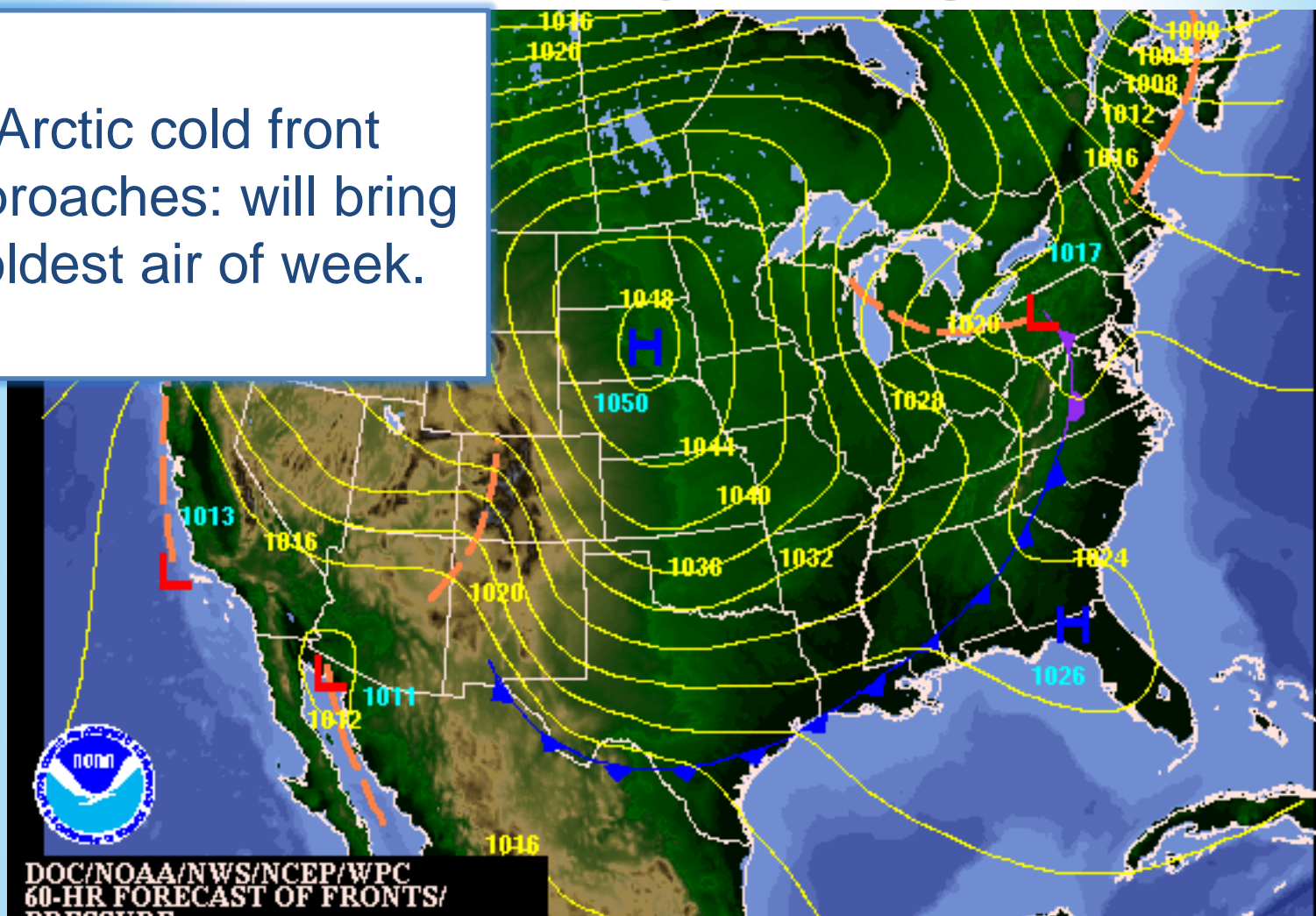
Wednesday Morning

Cold northwest flow provided by coastal low and Ohio Valley high pressure.



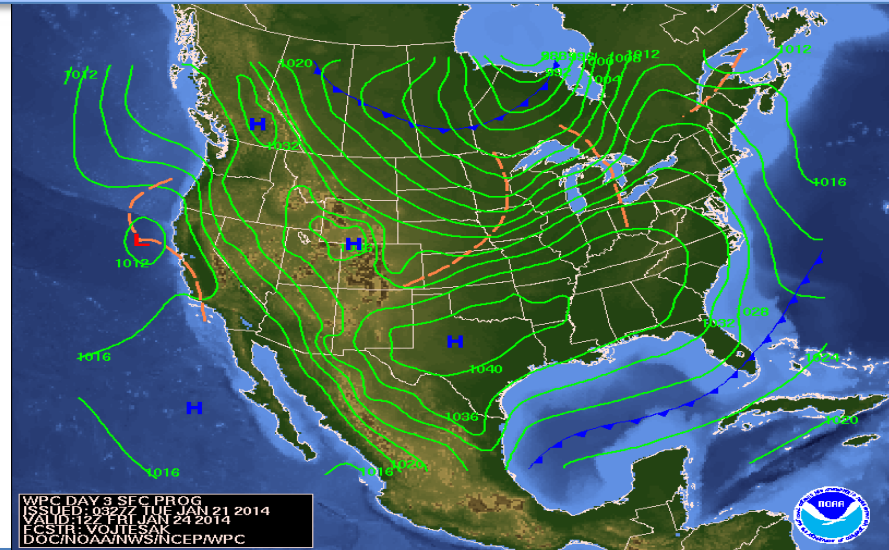
Thursday Morning

Arctic cold front approaches: will bring coldest air of week.

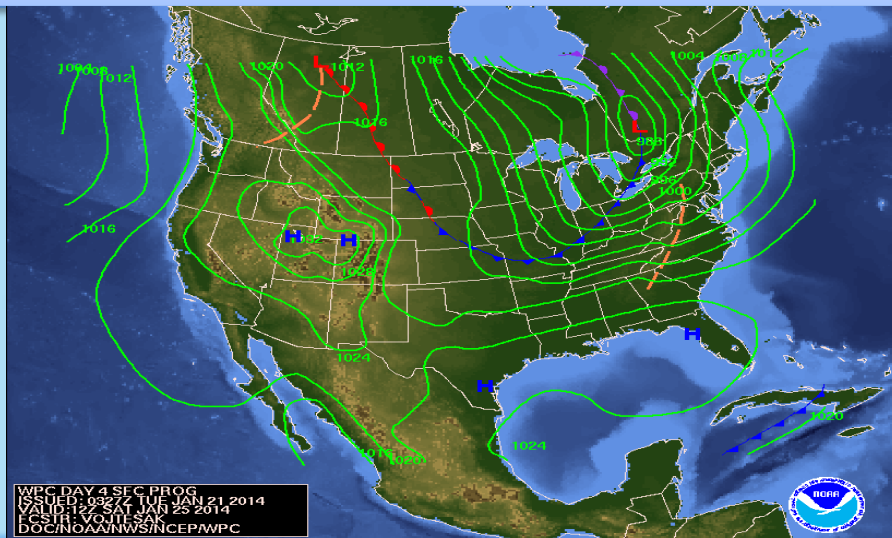


DOC/NOAA/NWS/NCEP/WPC
60-HR FORECAST OF FRONTS/
PRESSURE
ISSUED: 0723Z TUE JAN 21 2014
VALID: 1200Z THU JAN 23 2014
FORECASTER: HAMRICK

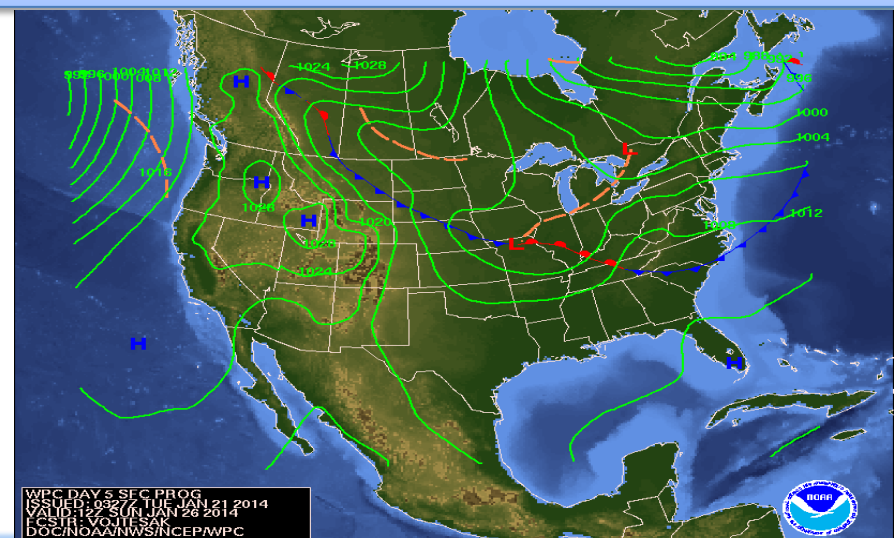
Friday



Saturday

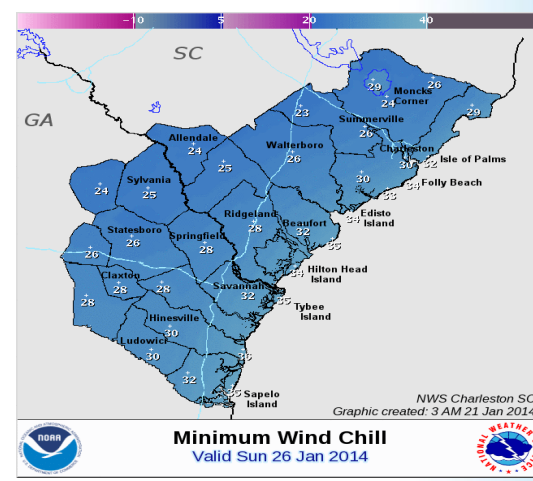
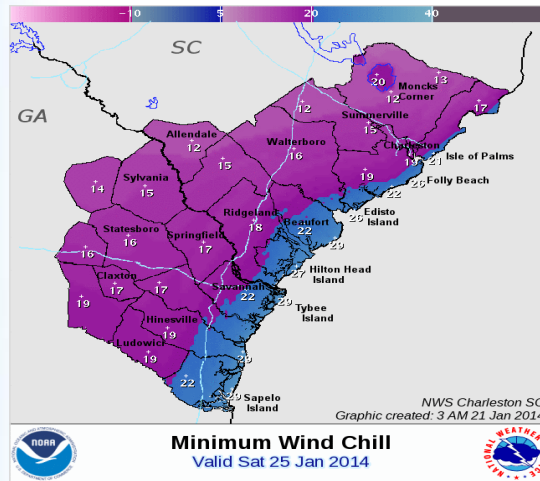
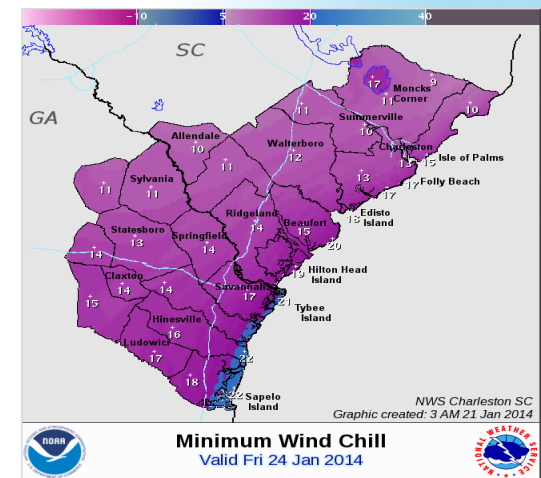
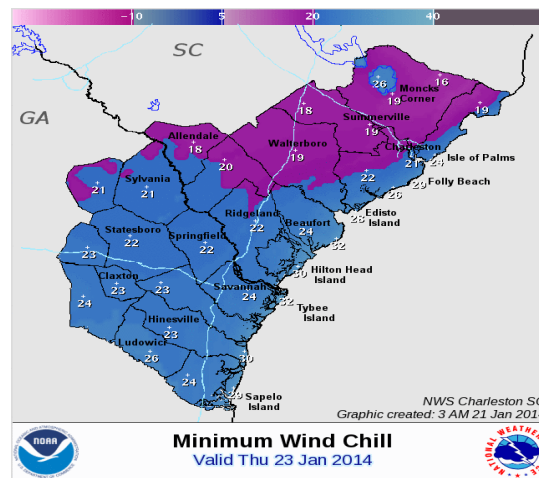
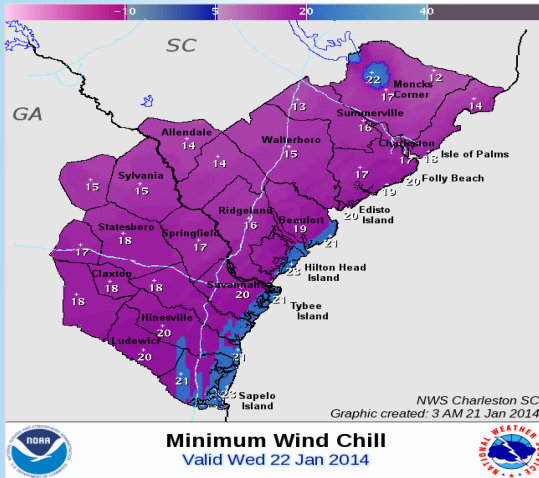


Sunday



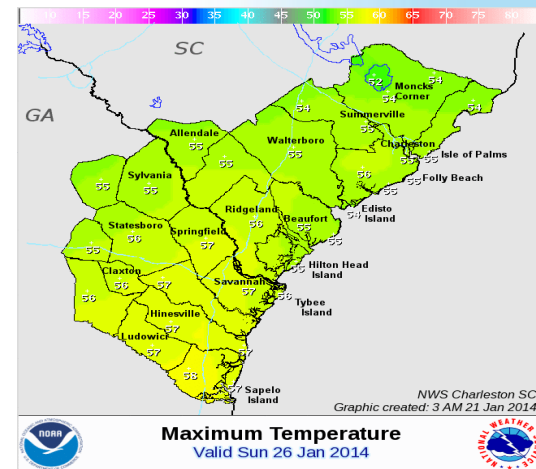
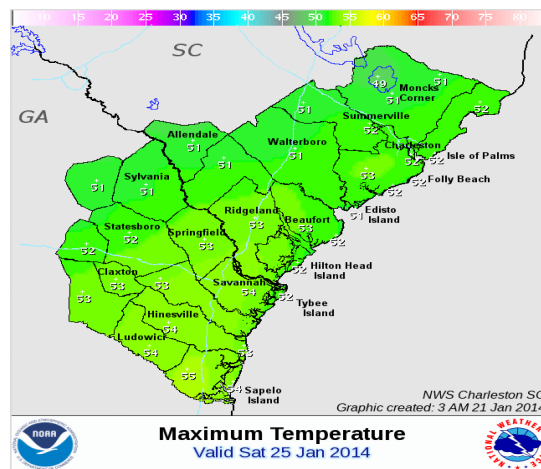
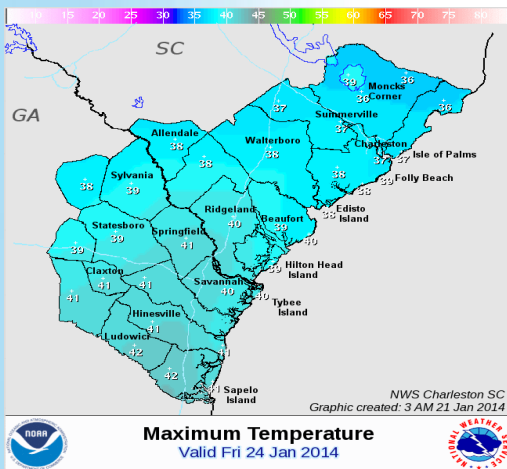
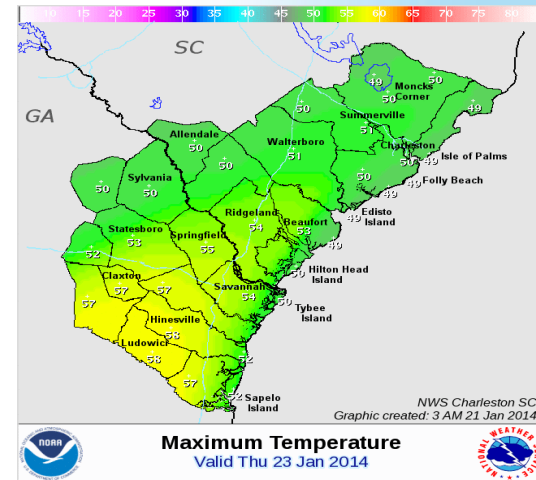
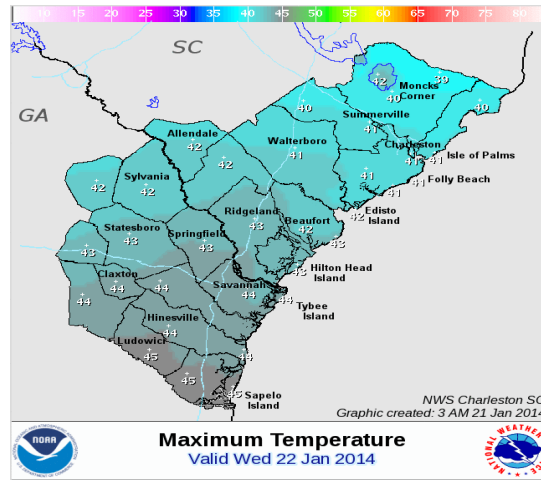
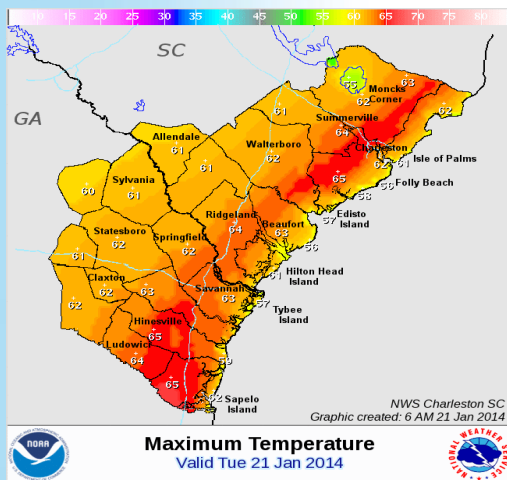
Very cold high pressure Friday; modest warming trend next weekend.

Minimum Wind Chills This Week



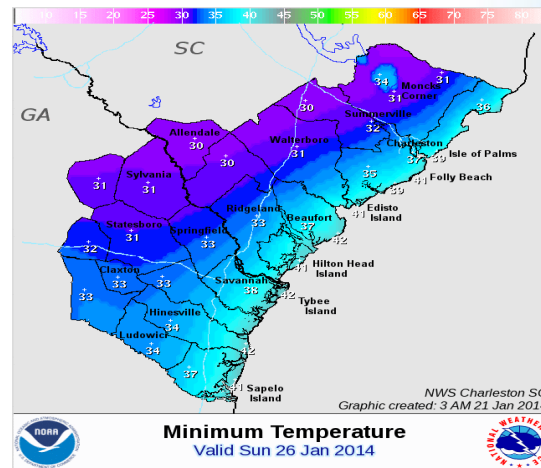
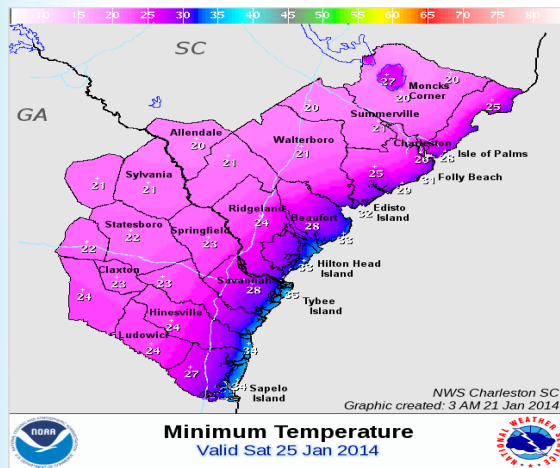
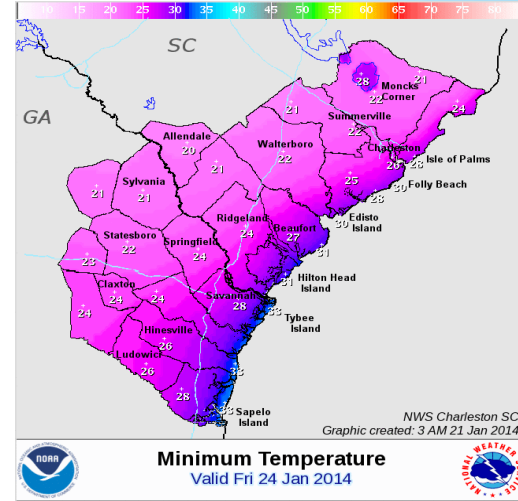
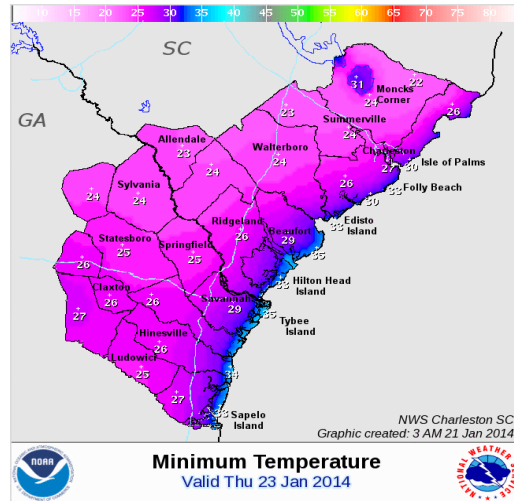
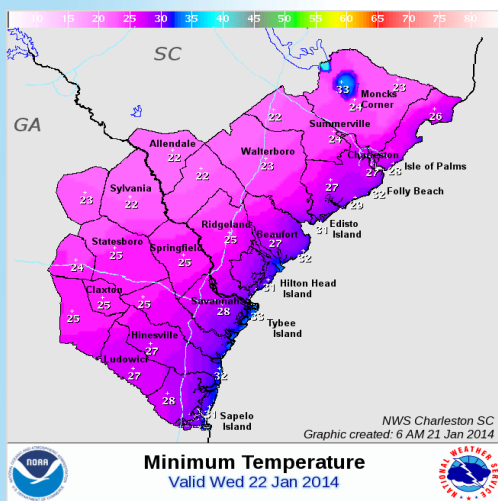
Teens common Wed, Fri, Sat; coldest Fri morning

Maximum Temperatures This Week



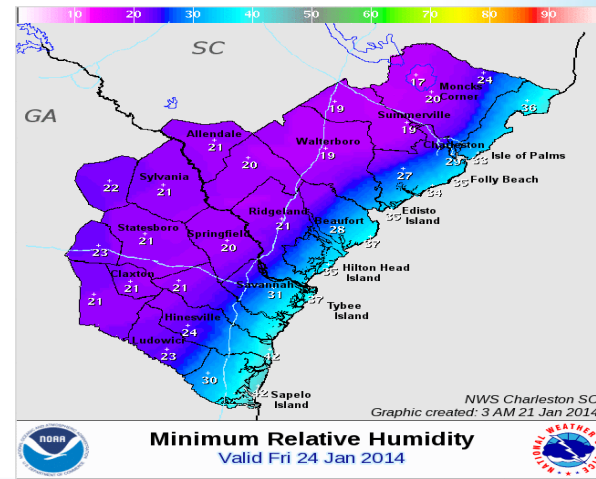
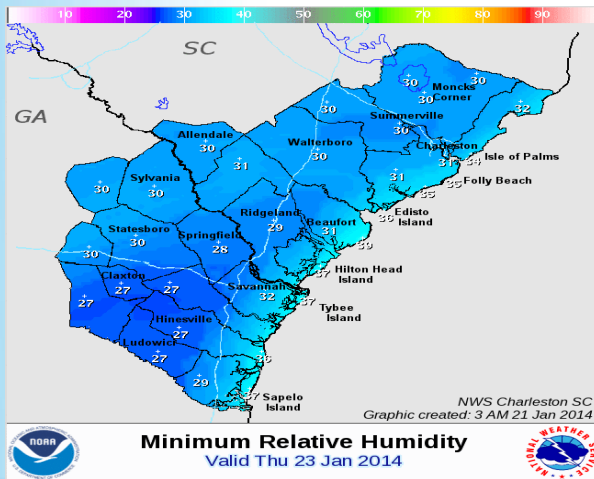
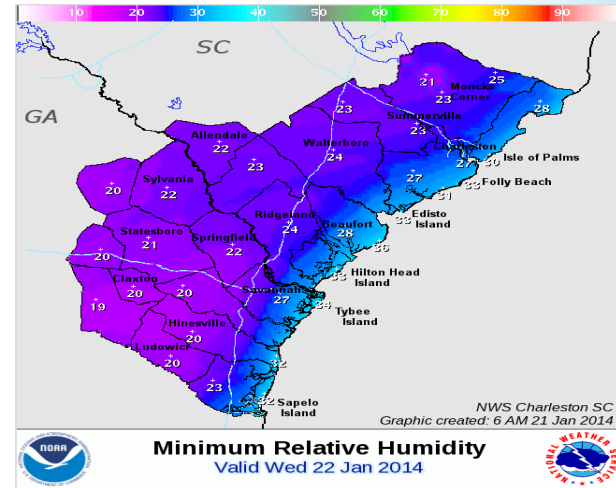
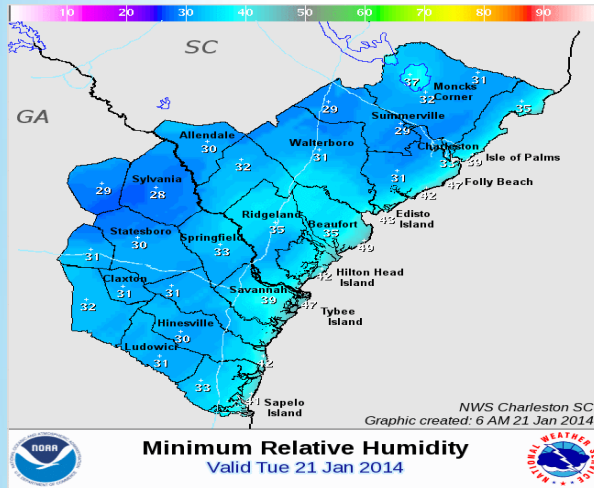
After today, below normal; coldest Wednesday and Friday

Minimum Temperatures This Week



Below freezing each night; coldest Friday and Saturday mornings

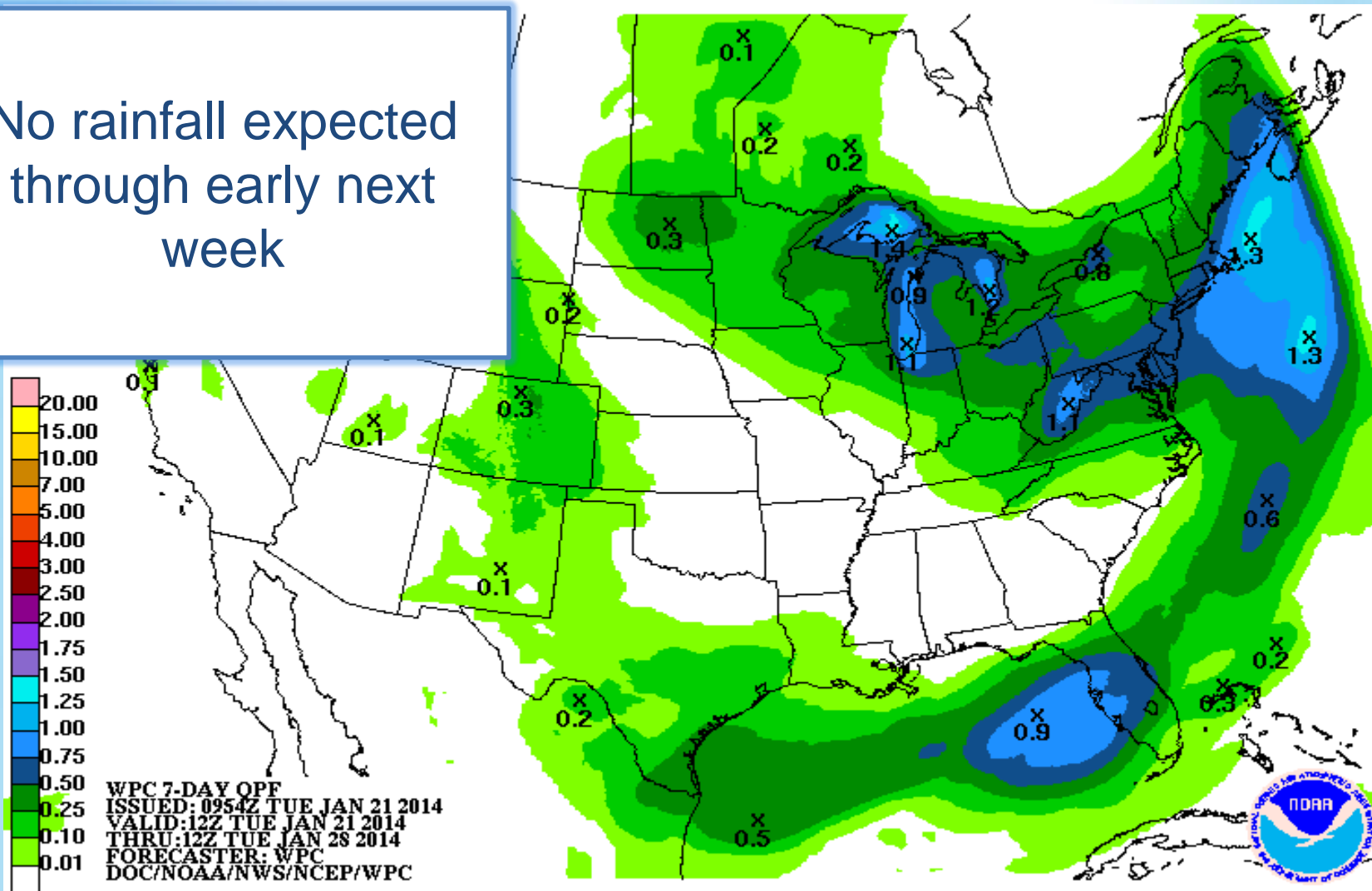
Minimum Relative Humidity This Week



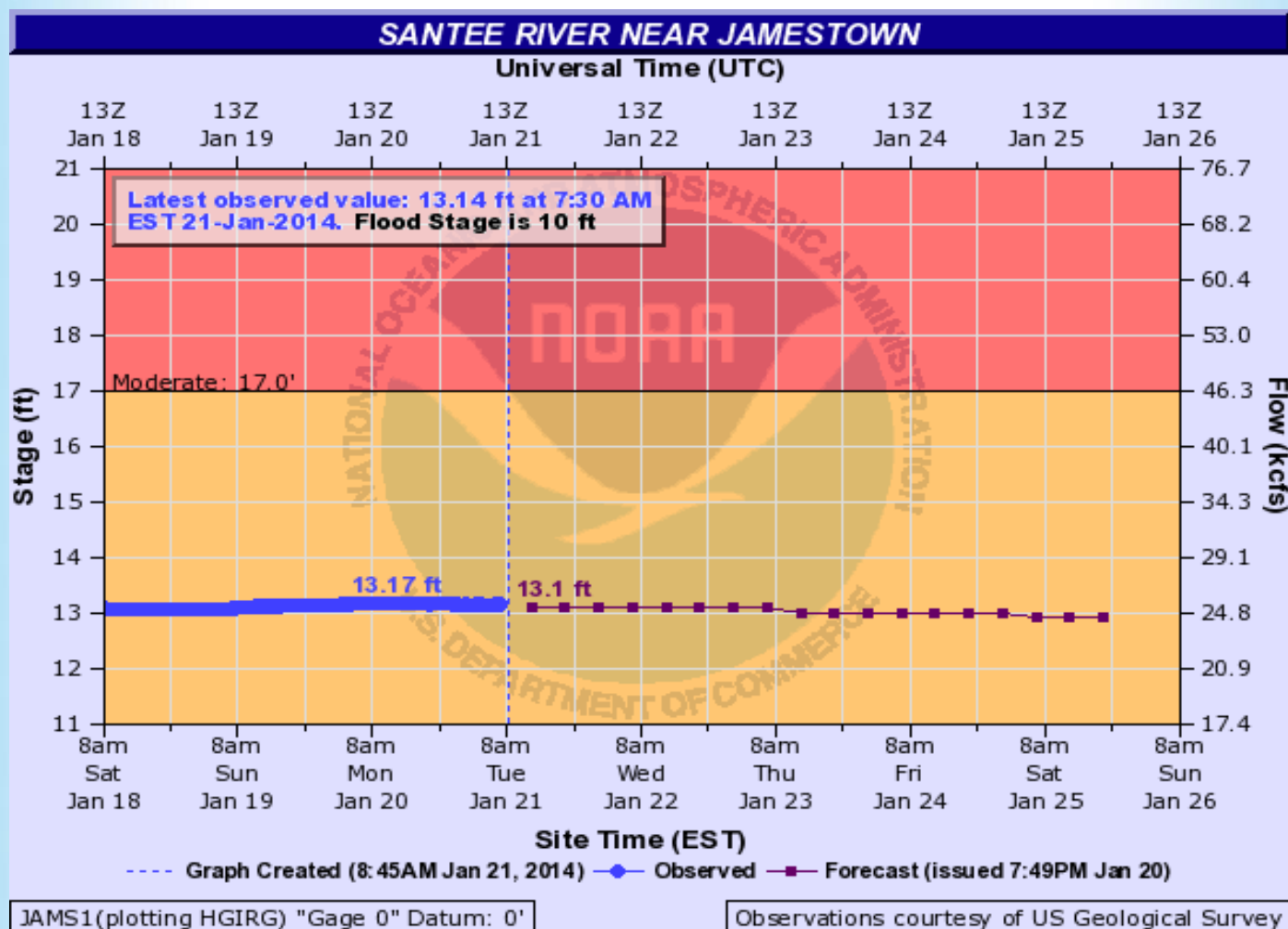
Cold, dry conditions

Forecast Rainfall

No rainfall expected
through early next
week

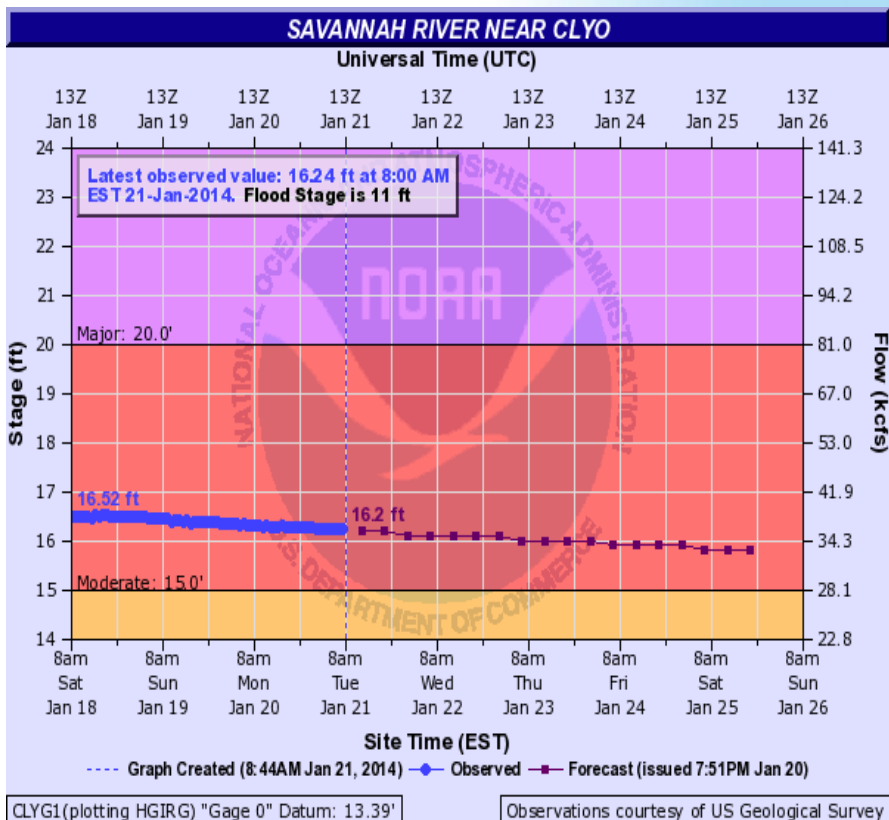
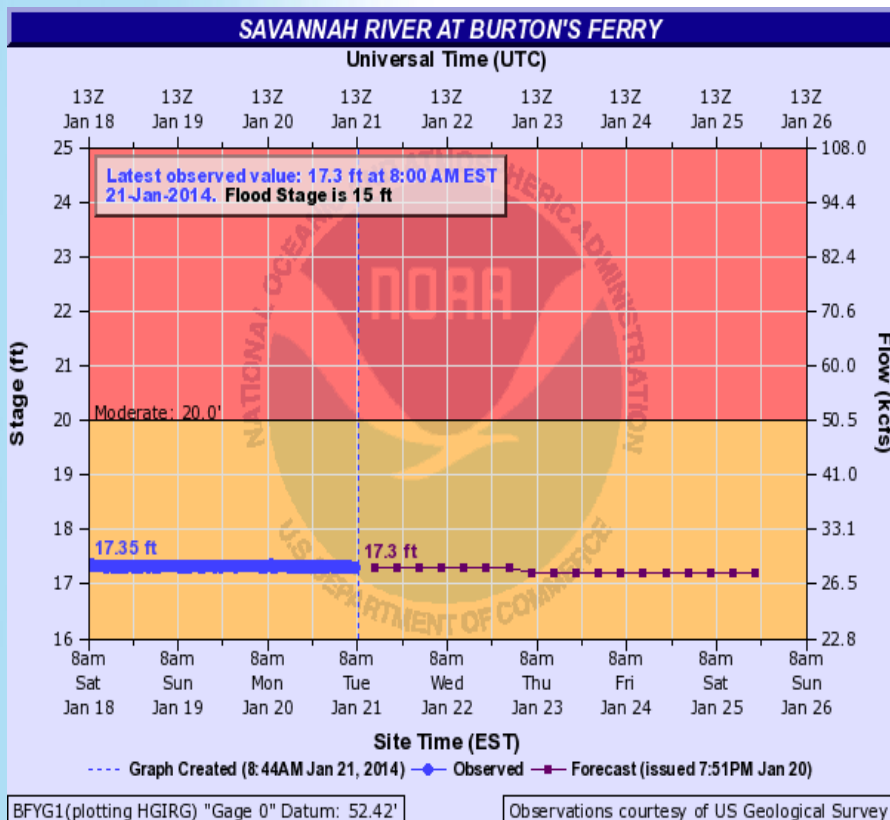


Santee River



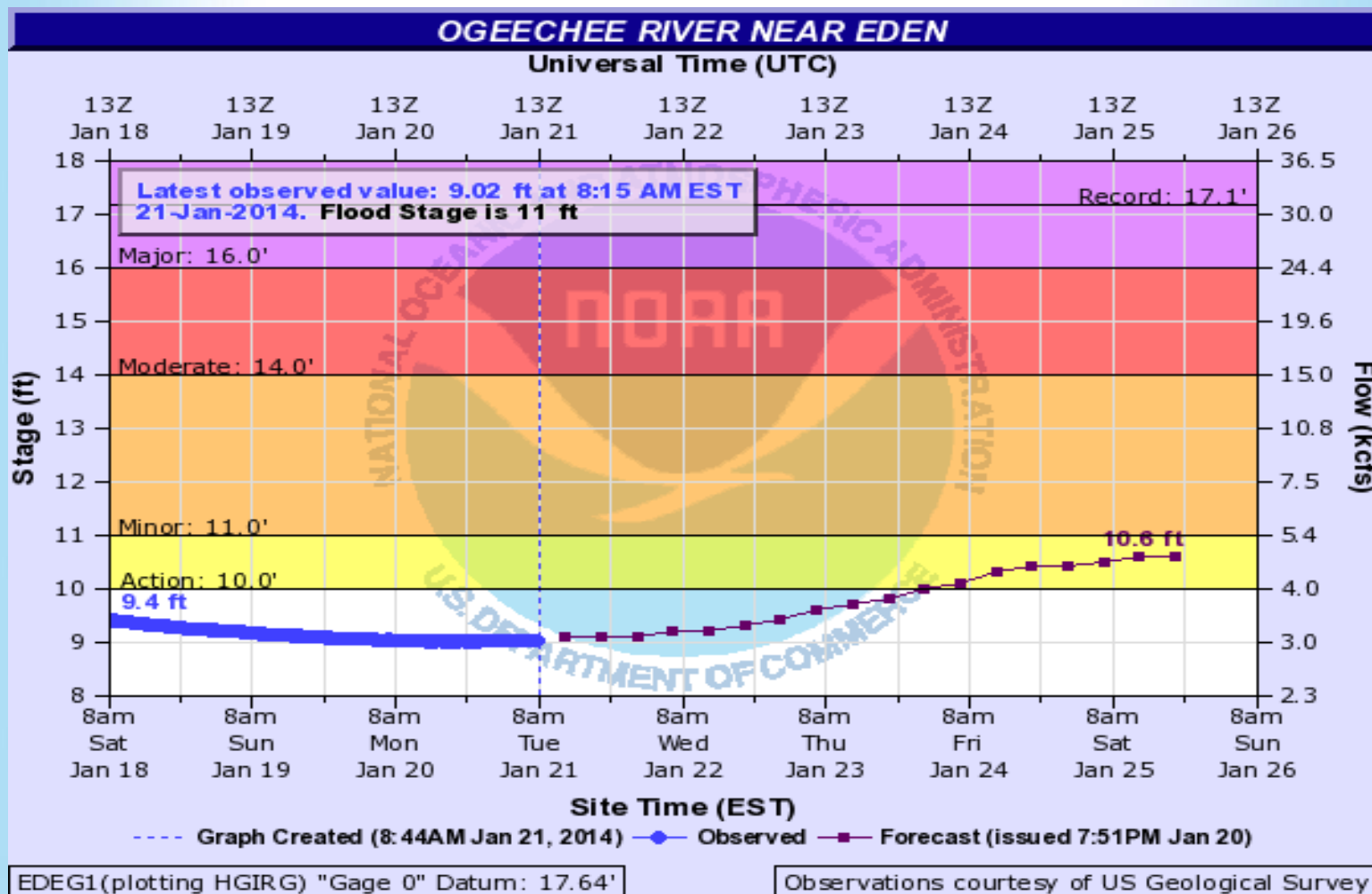
Santee River at Jamestown will continue in Minor Flood

Savannah River



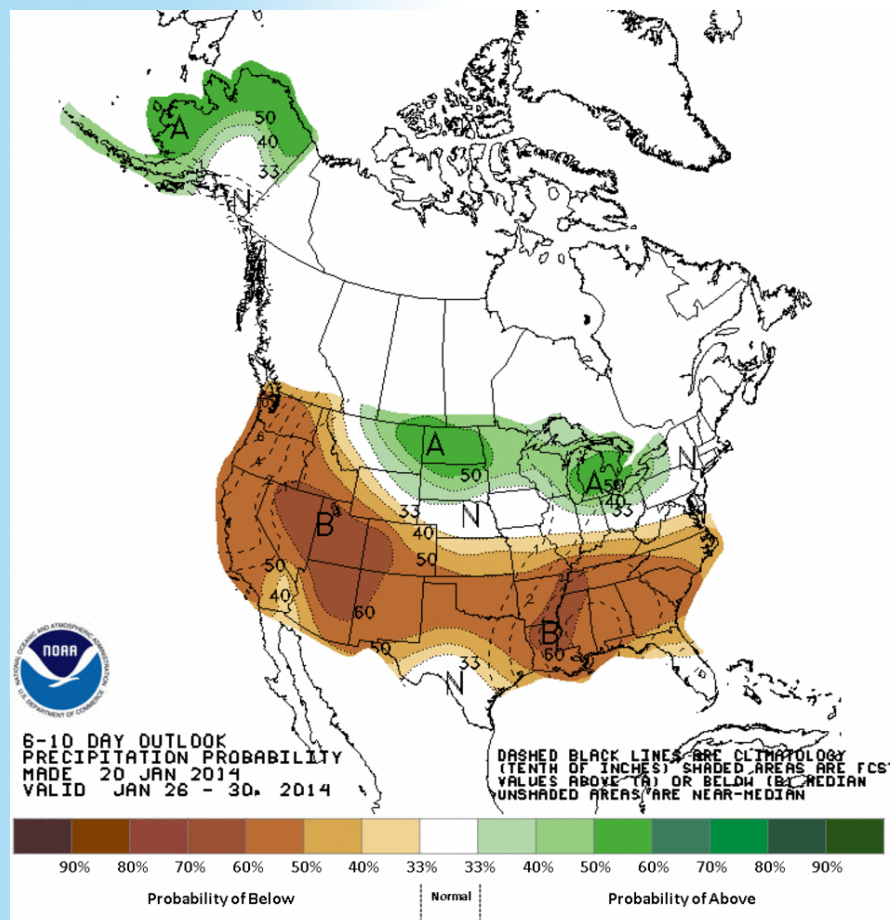
Minor-moderate flooding continues on Savannah River

Ogeechee River

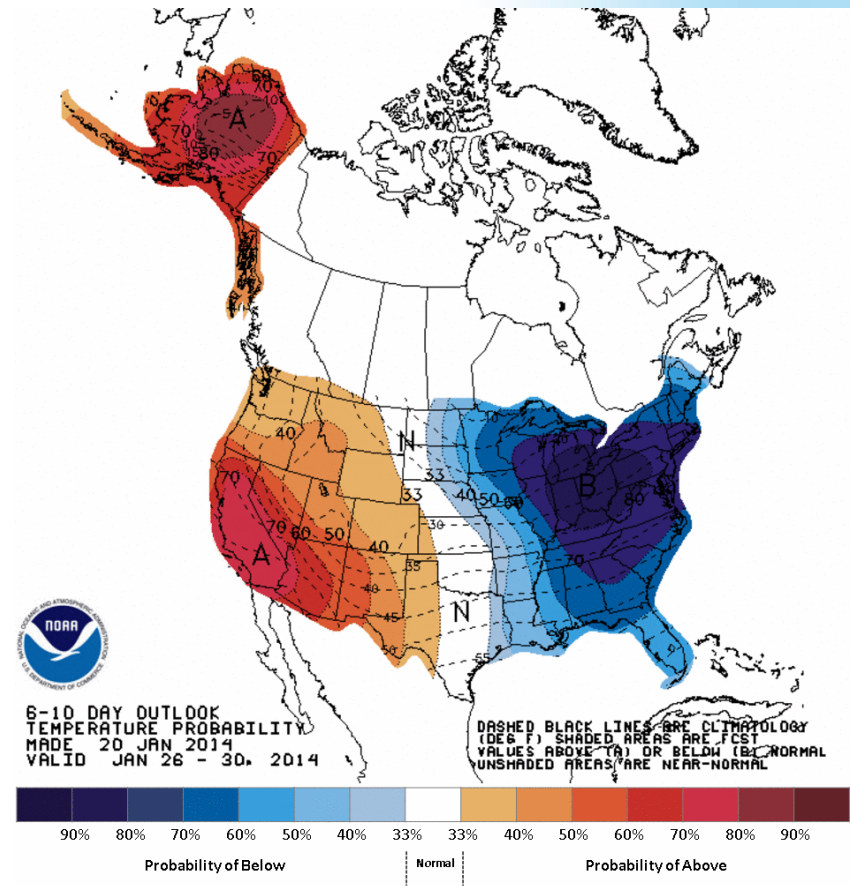


River level forecast to rise near Eden

6-10 Day Outlook



Precipitation



Temperature

Jan 26-30: High probability colder / drier than normal

Summary / Expected Impacts

- Below/much below normal temperatures, dry this week (modest warming trend Thursday and this weekend)
- Strong, dry cold front passes this afternoon: turning windy and much colder
- Stronger cold front passes Thursday afternoon; coldest temps of week Friday and Friday night
- Wind chills in teens common Wednesday, Friday and Saturday morning; close to Advisory criteria Fri am.
- Minor to moderate river flooding occurring at 3 river points



Marine Impacts

- **Gales** today / tonight.
- Small Craft Advisory conditions linger overnight into Wednesday.
- Additional Small Craft Advisory conditions likely Thursday-Friday.

Aviation Impacts

- Gusty winds today.
- VFR this week.

Fire Weather Impacts

- **Fire Danger Statement** today: strong winds, minimum relative humidity ~30-35%.
- Critical RH Wednesday and Friday; dry rest of week.



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



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